Day of Observation.	Satellite.	Phenomenon, I	Instrument.	Greenwich Mean Solar Time of Observation.	Greenwich Mean Solar Time of N.A.	Observer.
	,	. 1		h m s	h m s	
I, August $24 (a)$	1111.	Tr. Ingr. Ext. contact 42-ii	42-inch telescope	12 38 30)		
		Bisection	•	12 43 30±	12 46	R.
		Int. contact	33	12 53 30		
September 19 (b)	11.	Occ. Reapp. First seen	î	IO 36 8 \		
		Bisection		10 41 20 #	10 38	R
		Ext. contact	*	IO 45 19		
21 (c)	H	Tr. Ingr. Ext. contact		II 35 I		
		Bisection	•	11 38 6	11 40	R.
		Int. contact		11 42 20		
29 (<i>d</i>)	III.	Tr. Egr. Int. contact	£	8 38 53		
		Bisection		8 42 32	8 43	R.
		Ext. contact		8 46 51		
29 (e)	ij	Ecl. Disapp. First dim. of brightness	•	9 32 34		۴
		Disappearance	•	9 34 53	9 34 27	.; T.
30	H	Tr. Egr. Int. contact	•	9 58 57		
		Bisection	î	10 2 27	10 5	ъ.
		Ext. contact		10 5 26	ı	

March	1882	2.	οl	bser	vec	l at	t th	$e I_0$	Rad	cliff	e C)bse	ervo	utor	y.				2	1 7
82mnras4 Observer.	Ä			E.			ж Ж			W.			Μ.			W.			M	
Greenwich Mean 1882 mnRAS. $\cdot 42$ \mathbf{W}^2 4^6 . Solur Time Observer. Solur Time of $N.4$.	10 55 7			11 26			. 13 37			7 51 33			11 40 41			8 55			7 II 7	
Greenwich Mean Solar Time of Observation.	42 ,	10 55 53	11 22 38	11 25 47	11 30 37	13.29.27	13 33 47	13 37 31	7 49 43	7 50 38	7 51 34	и 39 и	11 40 I	11 41 9	8 52 52	8 55 6	8 57 34	11 4 18	11 6 24	11 8 32
Instrument,	42-inch telescope	£ .	10-foot Equatoreal	£		ť		"	42-inch telescope	•		10-foot Equatoreal	66	•			4		:	.
Phenomenon,	Ecl. Disapp. First diminution	Last seen	Tr. Ingr. Ext. contact	Disection	Int. contact	Tr. Egr. Int. contact	Bisection	Ext. contact	Ecl. Disapp. First diminution	Half brightness	Disappearance	Ecl. Disapp. First diminution	Half brightness	• Disappearance	Tr. Ingr. Ext. contact	Bisection	Internal contact	Tr. Egr. Int. contact.	Bisection	Ext. contact
Satellite.	II.		H			ij			H			ï			H			Ï		
Day of Observation.	October $3(f)$		14 (g)			14 (h)	•		15 (i)			$^{29}(k)$			November 22 (l)			22 (l)	•	

42-inch Telescope. Power = 100.

Observer.	W.		W.			W.	•
Greenwich Mean Solar Time of N.A.	h m s 8 30 56		I 6 0I		•	9 35	
Greenwich Mean Solar Time of Observation.	h m s 8 30 38	10 8 37	10 9 52	IO IO 57	9 31 12	9 33 43	9 36 5
Instrument,	Ic-fort Equatoreal	8,	•	66	66	66	6
Phenomenon.	Ecl. Reapp. First appearance IC-fort Equatoreal	Ecl. Reapp. First seen	Half brightness	Full brightness	Occ. Disapp. First contact	Bisection	Lust seen
Satellite.	H ;	π.		,	∹		
Day of Observation.	I, November 23 (m)	$^{29}(n)$		£	December 7 (0)		

The initials W. and R. are those of Mr. Wickham and Mr. Robinson respectively.

10-foot Equatoreal. Power = 180.

Observers' Remarks.

Observation fair. (c) Good images. (d) Observation good. (e) Satisfactory observation. usly until 10 ^h 55 ^m 50 st , and at the time noted "last seen" (10 ^h 55 ^m 53 st) it appeared for a moment, as the ished. Good observation.
(d) Observation good.
(c) Good images. ", and at the time noted tion.
(b) Observation fair. I continuously until 10 ^h 55 ^m 5c I then vanished. Good observa
 (a) Cloudy at times. (b) Observed (c) Satellite followed continuously useful test possible point, and then vanished.

⁽g) Limb of planet tremulous at times.
(i) Observation difficult, owing to bad image.
(m) Observation considered good, but images diffused.

⁽l) Images ill defined.
(n) and (o) Observations good. (h) Limb of planet not well defined at times.(k) Observation good.(l) Images i